

**IN THE ABSTRACT**

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# ABSTRACT

A flush toilet that includes an air reservoir having an interior diaphragm installed inside a tank in the toilet. The air reservoir has a hydraulic pressure maintained by a water supply coming from a conduit. At least two propulsion jets are located in a bottom portion of a toilet bowl. These propulsion jets are capable of ejecting contents of the bowl into a siphon upon activation of a flush mechanism. Furthermore, a double water-supply pipe system is located between a valve and the tank. The double water-supply pipe system includes a first pipe that extends from the valve to orifices in the bottom of the toilet bowl. A second pipe is connected at substantially 90° to the first pipe and extends from the first pipe to a rim of the toilet bowl.